Abstract of the Disclosure:

A housing for optoelectronic devices provides EMI shielding and axial strain suppression for optical fibers coupled to optoelectronic devices retained within the housing. The housing includes an internal septum for EMI shielding and a grounding scheme including relief features of the conductive housing coupled to internal grounding strips. The housing provides a first exemplary engaging/locking feature including an orthogonal tongue and a groove that receives the tongue, and a second exemplary engaging/locking feature that includes a groove having an intermittently varying cross-sectional area and that retains a gasket of constant cross-sectional area. Arms extend from the housing and retain an optical fiber that is secured to the arm by an adhesive such that axial strain is not exerted at the point of optical coupling and a high optical coupling efficiency is maintained. In an exemplary embodiment, the housing includes an opening through a bottom surface, the opening bounded by beveled edges to aid in blind alignment of the housing over components formed on a mounting surface. The bottom of the housing includes a recessed portion that retains a gasket. The recessed portion receives a gasket of constant thickness and includes a gap of varying thickness that provides for sufficient compression throughout the gasket and a tight, EMI-shielding seal formed between the housing and the mounting surface.